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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/078,284	02/15/2002	Serge Vanhaelemeersch	IMEC238.001AUS	3438	
20995	7590 11/05/2003		EXAM	INER	
KNOBBE MARTENS OLSON & BEAR LLP			ESTRADA,	ESTRADA, MICHELLE	
	2040 MAIN STREET FOURTEENTH FLOOR		ART UNIT	PAPER NUMBER	
IRVINE, CA	92614		2823		

DATE MAILED: 11/05/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application N .	Applicant(s)			
Office Action Summary		10/078,284	VANHAELEMEERSCH ET AL.			
		Examiner	Art Unit			
		Michelle Estrada	2823			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address. Period for Reply						
A SHOF THE MA - Extension after SIX - If the per - If NO pe - Failure to - Any reply	A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).					
_	Responsive to communication(s) filed on <u>29 S</u>	September 2003				
<i>'</i>		is action is non-final.				
_	Since this application is in condition for allowa		osecution as to the merits is			
,— c	losed in accordance with the practice under I					
Disposition						
 4) ☐ Claim(s) 1-36 is/are pending in the application. 4a) Of the above claim(s) 31-36 is/are withdrawn from consideration. 						
						aim(s) is/are allowed.
	aim(s) is/are rejected.					
	7) ☐ Claim(s) is/are objected to. 8) ☑ Claim(s) 1-30 are subject to restriction and/or election requirement.					
Application	•	election requirement.				
•	9)☐ The specification is objected to by the Examiner.					
10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.						
		quest that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).				
11) 🗌 The	he proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.					
11	approved, corrected drawings are required in rep	ly to this Office action.				
12) The	oath or declaration is objected to by the Exa	aminer.				
Priority und	er 35 U.S.C. §§ 119 and 120					
13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:						
					1.[Certified copies of the priority documents
2.[Certified copies of the priority documents	have been received in Application	on No			
-	3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).					
	* See the attached detailed Office action for a list of the certified copies not received. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).					
	_					
a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.						
Attachment(s)						
2) Notice of	References Cited (PTO-892) Draftsperson's Patent Drawing Review (PTO-948) on Disclosure Statement(s) (PTO-1449) Paper No(s) 5/2	5) Notice of Informal P	(PTO-413) Paper No(s) Patent Application (PTO-152)			
S. Patent and Traden PTOL-326 (Rev. 0		ion Summary	Part of Paper No. 20031027			

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Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- Claims 1-15, drawn to a method of making a semiconductor device, classified in class 438, subclass 637.
- II. Claims 16-30, drawn to a semiconductor device, classified in class257, subclass 211.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the product as claimed can be made by another and materially different process such as one that forms a conformal barrier layer and etches the barrier at the bottom of the trench by anisotropic etching.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Group II, restriction for examination purposes as indicated is proper.

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Applicant is advised that the reply to this requirement to be complete must

include an election of the invention to be examined even though the requirement

be traversed (37 CFR 1.143).

Any inquiry concerning this communication or earlier communications from

the examiner should be directed to Michelle Estrada whose telephone number is

(703) 308-0729. The examiner can normally be reached on Monday through

Friday.

If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, Olik Chaudhuri can be reached on 703-306-2794. The

fax phone numbers for the organization where this application or proceeding is

assigned are 703-308-7722 for regular communications and 703-308-7724 for

After Final communications.

Any inquiry of a general nature or relating to the status of this application

or proceeding should be directed to the receptionist whose telephone number is

703-308-0956.

Primary Examiner

Art Unit 2823

October 27, 2003